

Amendment to the Claims:

Please cancel claims 16-23 and add the new claims as follows:

1-23 (Cancelled).

24. (New) A camshaft of an internal combustion engine having at least one cylinder and two fuel inlet valves for said cylinder comprising a shaft having a first, rigidly mounted cam element provided with first and second peripheral tracks engageable with one of said fuel inlet valves, a second, rigidly mounted cam element provided with a third and fourth peripheral tracks engageable with the other of said fuel inlet valves, and a camming surface disposed helically relative to the axis of said shaft, selectively engageable by a member to impart an axial displacement of said shaft, wherein the dispositions and configurations of said tracks vary.

25. (New) A camshaft according to claim 24 wherein at least one of said tracks includes a lobe.

26. (New) A camshaft according to claim 24 wherein at least two of said tracks include lobes having radii which vary.

27. (New) A camshaft according to claim 24 wherein at least two of said tracks include lobes which are angularly displaced.

28. (New) A camshaft according to claim 24 where at least two of said tracks include lobes having radii which vary and are angularly displaced.